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(54) Title: AZETIDINIUM MODIFIED POLYMERS AND FABRIC TREATMENT COMPOSITION

(57) **Abstract:** The invention relates to a fabric treatment composition which comprises a self-crosslinking polymer possessing pendant azetidinium groups. A first aspect of the invention comprises an azetidinium functionalised polymer containing primary or secondary amine groups. Cross-linking reactions between the azetidinium group and primary or secondary amine groups does not form quaternary groups and consequently does not result in a charged, cross-linked polymer. This lack of charge is believed to overcome the problems of stain fixing and dye adsorption. A second aspect of the present invention subsists in a azetidinium functionalised polymer of which the monomers comprise: an amino-acrylate and/or amino-alkacrylate monomer, and, optionally, further non-amino acrylate and/or alkacrylate monomer. A third aspect of the present invention provides a textile treatment composition which comprises a azetidinium functionalised polymer in accordance with the first or second aspect of the invention and a textile compatible carrier.



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